ORIGINAL

OFFICE OF THE GENERAL COUNSEL SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT DAPHNE P. HSU, SBN 247256 SOUTH COAST ADMO PRINCIPAL DEPUTY DISTRICT COUNSEL CLERK OF THE BOARDS 21865 Copley Drive 3 Diamond Bar, California 91765 TEL: 909-396-3400 • FAX: 909-396-3458 4 DEC -8 A9:12 Attorney for Petitioner 5 South Coast Air Quality Management District 6 7 8 BEFORE THE HEARING BOARD OF THE 9 SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT 10 CASE NO. 6218-1 11 In the Matter of SOUTH COAST AIR QUALITY PETITION FOR ORDER FOR ABATEMENT 12 MANAGEMENT DISTRICT. 13 District Rules 201, 203, 1426 Petitioner. 14 Hearing Date: January 19, 2022 VS. 15 Time: 9:00 a.m. Place: Hearing Board 16 REAL PLATING, INC., South Coast AQMD 21865 Copley Drive 17 [Facility ID No. 152443] Diamond Bar, CA 91765 18 19 Respondent. 20 21 SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (hereinafter referred to as 22 "District" or "Petitioner" or "South Coast AQMD") petitions the Hearing Board (hereinafter referred 23 to as "Hearing Board") for an Order for Abatement directed to Respondent Real Plating, Inc. 24 (hereinafter referred to as "Respondent" or "Real Plating") with a facility located at 1245 West 2nd 25 Street Pomona, CA 91766. The District alleges as follows: 26 1. Petitioner is a body corporate and politic established and existing pursuant to California 27 Health and Safety Code § 40000, et seq. and § 40400, et seq., and is the sole and exclusive local 28

> Petition for Order for Abatement Real Plating, Inc. Facility ID #152443

agency with the responsibility for comprehensive air pollution control in the South Coast Basin.

- 2. Respondent operates a metal plating facility (Facility ID No. 152443) located at 1245 West 2nd Street Pomona, CA 91766 (the "Facility"), within the jurisdiction of the District.
- 3. **District Rule 201** provides, in relevant part, that a "person shall not build, erect, install, alter or replace any equipment . . . the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce or control the issuance of air contaminants without first obtaining written authorization for such construction from the Executive Officer."
- 4. **District Rule 203(a)** provides, in relevant part, a "person shall not operate or use any equipment . . ., the use of which may cause the issuance of air contaminants, or the use of which may reduce or control the issuance of air contaminants, without first obtaining a written permit to operate from the Executive Officer"

5. **District Rule 219(p)(23)** provides:

Notwithstanding the exemptions in subdivision (p), equipment existing as of May 5, 2017 that is subject to the aforementioned exemptions and that is an integral part of an operation requiring a written permit shall continue to be exempt, provided the equipment is identified, described in detail and submitted for inclusion into the permit equipment description with any associated application for Permit to Construct or Permit to Operate. Equipment described in this paragraph includes, but is not limited to, rinse tanks, dye tanks and seal tanks that are part of a metal finishing operation, including but not limited to plating, anodizing and surface preparation.

6. **District Rule 1426(g)** provides in relevant part:

- (1) An owner or operator of a Metal Finishing facility with an Ampere-hour meter equipped at a Process Tank shall record the actual cumulative rectifier usage for each calendar month and the total for each calendar year.
- (4) An owner or operator of a Metal Finishing facility shall maintain records demonstrating compliance with the requirements of subdivisions (e) and (f) and paragraphs (g)(1) and (g)(2).
- (5) All records shall be maintained for at least five years; at least the two most current years shall be kept on site.
- 7. On multiple occasions, including most recently on June 10, 2021, South Coast AQMD

inspected Real Plating. On June 10, 2021, Inspector Ricky Dhupar observed Real Plating commit the following violations:

Rule Nos.	Violations				
201,	Operating tanks without permits, including the following tanks:				
203(a)	 Tank 49 - Blue Dye Tank 18 - Chem-Cel Anoseal 				
	Tank 32 - Hard Sulfuric Acid Anodize				
	Tank 34 - Muriatic Acid				
	 Tank 31 - Clear Zinc Chromate Trivalent Chrome Tank 27 - Yellow N Chromate Tank 21 - Yellow N Chromate Tank 24 and bucket - AL Chrome Tank 19 - Black Zinc Chromate 				
					Tank 52 - Red Dye
		Tank 12 - Bifluoride			
201,	Operating tanks without permits or being identified in an existing permit,				
203(a)	including the following tanks:				
()	Tank 26 - Yellow N Rinse				
	Tank 29 - Tri Chrome B2 Rinse				
	Tank 22 - Yellow N Rinse				
	Tank 20 - Black Chromate Rinse				
	Tank 14 - Black Dye Rinse				
	Tank 16 - Anoseal Rinse				
	Tank 17 - Hot DI Water				
	Tank 25 - Hot DI Water				
	Tank 28 - Alkaline Zinc Rinse				
	Tank 30 - Chloride Zinc Rinse				
	Tank 35 - Muriatic Acid Rinse				
	Tank 37 - Electrocleaner Rinse				
	Tank 48 - Collect Rinse				
	Tank 50 - Waste Water				
201,	Tanks identified by facility as being on-site, not identified in an existing				
203(a)	permit, including the following tanks:				
_ >= (+)	• Tanks 1, 4, 5 listed as "Rinse Water"				

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Attached as Exhibits A and B are Permits to Operate G38175 and G49944, respectively.

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tanks that are not permitted in any tank line:

a. Tanks 1, 4, 5 listed as "Rinse Water";

b. Tanks 7, 51 listed as "Rinse";

- Tank 23 listed as "Chrome Rinse";
- Tank 40 listed as "Cadmium Rinse";
- Tank 42 listed as "Tin Plating";
- Tank 53 listed as "Gold Dye";
- Tank 54 listed as "Purple Dye"; and
- h. Tank 55 listed as "Gold Dye".

These tanks were not in any permitted tank line and thus, the District alleges that Real Plating is in

- Inspector Dhupar observed the sulfuric acid anodizing line (Permit G38175) and observed that the facility was not in compliance with conditions numbers 1, 3A, 3C, 5, 7A, 7B, and
 - Condition 1 Facility was operating contrary to the specifications submitted within the application for which the permit is issued.
 - b. Condition 3A Facility's tanks were not clearly labeled with the appropriate tank numbers as designated in the equipment description.
 - i. Tanks 2, 5, 15 and 16 were labeled with tank numbers and/or descriptions contrary to the permit.
 - c. Condition 3C Facility was air-sparging and heating tanks that were not specifically identified to be air-sparged or heated.
 - i. Tank 16, Aluminum Anodize Seal (mis-labeled as Tank 15) was air sparging, but Tank 16 is not specifically identified in the equipment description to be air sparged.
 - d. Condition 5 Condition 5 required the facility to weigh parts before each batch is processed in these tanks and maintain the information in a daily log. Facility failed to weigh material processed through any tank containing Nitric Acid (Tank 5) and log daily total weight (in pounds) processed from August 2019 to present.
 - Condition 7A Failed to maintain the concentration (in percent by weight) of each

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- chemical in each tank identified in condition number 6.
- Condition 7B Failed to provide Safety Data Sheets (SDS) for all materials in each process tank.
- g. Condition 7C Failed to maintain the following records required by permit conditions:
 - Records of the weight of materials processed in any tank containing nitric acid as required by condition 5.
 - ii. Records for concentration (in percent by weight) for each chemical identified in condition 6.
 - iii. Ampere-hours used on Tank 9.
- 12. Thus, the District alleges that Real Plating is in violation of Rule 203(b) for not abiding by the conditions in Permit G38175.
- 13. Inspector Dhupar observed the sulfuric acid anodizing line (Permit G49944) and observed that the facility was not in compliance with conditions numbers 3A, 4, 5, 9, 13, and 14.
 - a. Condition 3A Facility's tanks were not clearly labeled with the appropriate tank number as designated in the equipment description. Tanks 33, 35, 38, and 42 were labeled with tank numbers and/or descriptions contrary to the permit.
 - b. Condition 4 Facility's rectifiers were not identified or clearly labeled.
 - c. Condition 5 Failed to equip the rectifier for Tank 33 with continuous recording, non-resettable, totalizing ampere-hour meter which operate on the electrical power line(s) connected to each tank, where a separate meter was hard wired for each tank.
 - d. Condition 9 Failed to record ampere-hour usage for Tanks 33, 38, and 42, the cumulative monthly ampere-hour readings and total ampere-hours to date in given calendar year for each tank.
 - e. Condition 13 Failed to provide Safety Data Sheets (SDS).
 - f. Condition 14 Failed to maintain records required by the conditions of this permit and at least once a month, chemical concentrations, in percent by weight, of each

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SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

DAPHNE P. HSU

Principal Deputy District Counsel Attorney for Petitioner

EXHIBIT A



PERMIT TO OPERATE

page 1 Permit No. G38175 A/N 521730

LEGAL OWNER OR OPERATOR:

REAL PLATING, INC. 1245 W. 2ND STREET POMONA, CA 91766-1310 ID 152443

Equipment Location: 1245 W. 2ND STREET, POMONA, CA 91766-1310

Equipment Description:

Sulfuric Acid Anodizing Line, consisting of:

- Tank No. 2, Hot Soak, Aluminum Cleaning, Borax Pentahydrate, Tetrasodium Pyrophosphate, Sodium 1. Nitrate, Sodium Alkylaryl Sulfonate, Surfactant, Heated.
- Tank No. 3, Aluminum Caustic Etch, Sodium Hydroxide, Heated. 2.
- Tank No. 5, Deoxidizer, Sulfuric Acid, Nitric Acid, Unheated. 3.
- Tank No. 9, Sulfuric Anodize, Anodizing, Sulfuric Acid, Aluminum, Type II, with Certified Fume 4. Suppressant, Rectified (Maximum 3000 Amperes Rectifier), Air Sparged, and Unheated.
- Tank No. 15, Black Dye, US Specialty Dye, Chromium (III), Air Sparged, Heated. 5.
- Tank No. 16, Aluminum Anodize Seal, Nickel Acetate Tetrahydrate, Heated. 6.
- 7. Associated Loading, Unloading, Dragout, Drying, and Rinse Tanks, Heated and Unheated.

Conditions:

- Operation of this equipment shall be conducted in accordance with all data and specifications 1. submitted with the application under which this permit is issued, unless otherwise noted below.
- This equipment shall be property maintained and kept in good operating condition at all times. 2.
- This permit is subject to the following requirements: 3.
 - A. All tanks shall be clearly identified and labeled with the appropriate tank no. as designed in the equipment description. The identification and/or labeling of each tank shall be directly affixed to the tank, and shall be easily readable.



PERMIT TO OPERATE

page 1 Permit No. G38175 A/N 521730

CONTINUATION OF PERMIT TO OPERATE

- B. Tanks in this line shall only contain the chemicals and compounds specifically identified in the equipment description of this permit. No chemical compounds listed in Rule 1401, Table 1 "Toxic Air Contaminants", as amended September 10, 2010, other than those included in the equipment description on this permit, shall be used in this equipment.
- C. Air sparging, rectification, and/or heating shall not be conducted except in tanks where these operations are specifically identified in the equipment description. Removal of such equipment shall not constitute a modification for permitting purposes.
- The operator shall maintain the facility in compliance with the housekeeping and recordkeeping requirements of Rule 1426.
- 5. The total amount of material processed through any tank containing nitric acid (Tank No. 5) shall not exceed 1296 pounds in any one day. To demonstrate compliance with this condition, the operator shall weigh the parts before each batch is processed in these tanks, and shall maintain this information in a daily log.
- 6. The open process tanks in this line shall be operated at or below the parameter limits in the following table:

Tank Nos.	Chemical	Maximum Chemical Concentration (Percent by Weight)	Maximum Annual Ampere- Hours (Per Calendar Year)	Maximum Operating Temperature (Degrees F)
2	Borax Pentahydrate	2.14		140
	Tetrasodium Pyrophosphate	1.56		
	Sodium Nitrate	0.45	n/a	
	Sodium Alkylaryl Sulfonate	0.22		
3	Sodium Hydroxide	6.7	n/a	150
5	Sulfuric Acid	1.59	-/-	AMB
	Nitric Acid	3.18	n/a	
9	Sulfuric Acid	19.0	21,840,000	AMB
15	Chromium (III)	0.0005	n/a	150
16	Nickel Acetate	5.0	n/a	150



PERMIT TO OPERATE

page 1 Permit No. G38175 A/N 521730

CONTINUATION OF PERMIT TO OPERATE

- A log concerning the operation of the equipment shall be kept on file for a minimum of five years. The 7. past two years' records shall be kept on site, and shall be made available to any District representative upon request. This log shall contain the following information:
 - The concentration, in percent by weight of each chemical in each tank identified in A. Condition No. 6 above, and as determined each month from the estimated operating losses and replenishment during process operation. The concentration of each chemical in each tank shall also be recorded in this log each time the tank solution is replaced.
 - Safety Data Sheets (SDS) for all materials charged to each process tank at this facility. В.
 - Records required by conditions of this permit. C.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

By Dorris M. Bailey/jv01

11/19/15

EXHIBIT B



PERMIT TO OPERATE

Page 1 Permit No. G49944 A/N 565899

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership. If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner or Operator:

REAL PLATING

1245 W 2ND ST

POMONA, CA 91766-1310

ID 152443

Equipment Location:

1245 W 2ND ST, POMONA, CA 91766-1310

Equipment Description:

Zinc Plating Line Consisting of:

- Tank No. 33, Electrocleaning, Sodium Carbonate, Sodium Gluconate, Sodium Hydroxide, Rectified, Heated, Covered.
- Tank No. 35, Pickling, Hydrochloric Acid, Unheated, Covered.
- Tank No. 10, Chloride Zinc Plating, Boric Acid, Potassium Chloride, Zinc Chloride, with One Maximum 300-ampere Rectifier, Air Sparged, Unheated.
- 4. Tank No. 11, Chloride Zinc Plating, Boric Acid, Potassium Chloride, Zinc Chloride, with One Maximum 300-ampere Rectifier, Air Sparged, Unheated.
- 5. Tank No. 38, Alkaline Zinc Plating, Sodium Hydroxide, Zinc Oxide, Rectified, Air Sparged, Unheated.
- Tank No. 42, Alkaline Zinc Plating, Sodium Hydroxide, Zinc Oxide, Rectified, Air Sparged, Unheated.
- Tank No. 29, Passivation, Ammonium Bifluoride, Chrome Nitrate, Nitric Acid, Sulfuric Acid, Unheated, Covered.
- 8. Associated Loading, Unloading, Dragout, and Rinse Tanks, Heated and Unheated.

Conditions:

- Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the
 application under which this permit is issued unless otherwise noted below.
- This equipment shall be properly maintained and kept in good operating condition at all times.
- 3. This permit is subject of the following requirements:



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PERMIT TO OPERATE

- A. This tank shall be clearly identified and labeled with appropriate tank no. as designated in the equipment description. The identification and/or labeling of this tank shall be directly affixed to the tank and be easily readable.
- B. This tank shall only contain the chemicals and compounds specifically identified in the equipment description of this permit. No chemical compounds listed in Rule 1401, Table 1 "Toxic Air Contaminants" with an effective date of September 10, 2010, or earlier, other than those included in the equipment description of this permit shall be used in this equipment.
- C. Air sparging, rectification and/or heating shall not be conducted except in tanks where these operations are specifically identified in the equipment description. Removal of such equipment shall not constitute a modification for permitting purposes.
- 4. An identification tag or label shall be affixed to all rectifiers in a permanent and conspicuous position. The identification marker shall be maintained in legible condition and shall contain the following information:
 - A. Rectifier identification number
 - B. Maximum rectifier amperage
 - Identification number(s) of tank(s) served by the rectifier.
- 5. The following tanks shall be equipped with continuous recording, non-resettable, totalizing ampere-hour meters, which operate on the electrical power line(s) connected to each tank. A separate meter shall be hard-wired for each rectifier.
 - A. Electrocleaning Tank No. 33
 - B. Alkaline Zinc Plating Tank no. 38
 - C. Alkaline Zinc Plating Tank no. 42
- The owner/operator shall inspect and maintain the ampere-hour meters according to the manufacturer's recommendations.
- 7. The total ampere-hours of current applied to the Electrocleaning Tank No. 33 at this facility, as measured by the ampere-hour meters, shall not exceed 2,620,800 ampere-hours in any one calendar year.
- 8. The total ampere-hours of current applied to the Alkaline Zinc Plating Tank Nos. 38 and 42 at this facility, as measured by the ampere-hour meters, shall not exceed 1,092,000 ampere-hours each in any one calendar year.
- 9. The owner/operator shall record ampere-hour usage for Electrocleaning Tank No. 33, and Alkaline Zinc Plating Tank Nos. 38 and 42, the cumulative ampere-hour readings for each month of the calendar year and the total ampere-hours to date in the given calendar year shall be recorded for each tank.
- 10. The concentration of chemicals used in the tanks shall not exceed the following:



PERMIT TO OPERATE

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Chemical	Weight Percent
Zinc Chloride	17.50
Potassium Chloride	6.70
Boric Acid	1.59
Zinc Chloride	17.50
Potassium Chloride	6.70
Boric Acid	1.59
Nitric Acid	4.5
Chrome Nitrate	0.75
Ammonium Bifluoride	0.75
Sulfuric Acid	0.75
Sodium Hydroxide	5.20
Sodium Carbonate	1.92
Sodium Gulconate	0.36
Hydrochloric Acid	20.0
Sodium Hydroxide	16.0
Zinc Oxide	2.0
Sodium Hydroxide	19.4
Zinc Oxide	2.0
	Potassium Chloride Boric Acid Zinc Chloride Potassium Chloride Boric Acid Nitric Acid Chrome Nitrate Ammonium Bifluoride Sulfuric Acid Sodium Hydroxide Sodium Carbonate Sodium Gulconate Hydrochloric Acid Sodium Hydroxide Zinc Oxide Sodium Hydroxide

- 11. The temperature of operation of the Electrocleaning Tank No. 33 shall not exceed 190 degrees Fahrenheit.
- 12. Temperature gauges shall be installed to accurately measure the operating temperature of the process tanks that are heated.
- 13. Safety Data Sheets for all raw materials used at this facility shall be kept current, and shall be made available to any District representative upon request.
- 14. A log to record the operation of this equipment shall be kept on file for at least five years. The past two years records shall be kept on site, and shall be made available to any District representative upon request. This log shall contain, at a minimum, the following information:
 - A. The records required by the conditions of this permit
 - B. At least once a month, the concentration, in percent by weight, of each chemical in each tank as determined by laboratory analysis, or from the estimated operating losses and replenishment during process operation.



PERMIT TO OPERATE

Page 4 Permit No. G49944 A/N 565899

NOTICE

In accordance with Rule 206, this Permit to Operate or copy shall be posted on or within 8 meters of the equipment.

This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the applicable Rules and Regulations of the South Coast Air Quality Management District (SCAQMD). This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other government agencies.

Executive Officer

BY LAKI TISOPULOS, PhD/JV01

12/29/2017